

## Title (en)

TOPICAL FORMULATIONS FOR INCREASING THE DERMAL CONCENTRATION OF HYALURONIC ACID

## Title (de)

TOPIISCHE FORMULIERUNGEN ZUR ERHÖHUNG DER DERMALEN KONZENTRATION VON HYALURONSÄURE

## Title (fr)

FORMULATIONS TOPIQUES POUR AUGMENTER LA CONCENTRATION DERMIQUE D'ACIDE HYALURONIQUE

## Publication

**EP 2931288 A4 20161116 (EN)**

## Application

**EP 13863292 A 20131212**

## Priority

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- US 2013074711 W 20131212

## Abstract (en)

[origin: US2014170251A1] Described herein are methods and compositions for increasing dermal concentrations of glycosaminoglycans (GAG), including hyaluronic acid. Exemplary methods involve a one-step protocol and a three-step protocol. Either method can be used over a 90-day treatment period.

## IPC 8 full level

**A61K 8/34** (2006.01); **A61K 8/64** (2006.01); **A61K 8/73** (2006.01); **A61K 8/92** (2006.01); **A61K 8/97** (2006.01); **A61K 31/728** (2006.01); **A61P 17/00** (2006.01); **A61Q 19/00** (2006.01)

## CPC (source: EP US)

**A61K 8/34** (2013.01 - EP US); **A61K 8/64** (2013.01 - EP US); **A61K 8/73** (2013.01 - EP US); **A61K 8/735** (2013.01 - EP US); **A61K 8/92** (2013.01 - EP US); **A61K 8/9711** (2017.07 - EP US); **A61K 8/9789** (2017.07 - EP US); **A61K 8/9794** (2017.07 - EP US); **A61K 9/0014** (2013.01 - US); **A61K 31/728** (2013.01 - EP US); **A61K 36/00** (2013.01 - US); **A61K 38/00** (2013.01 - EP US); **A61P 17/00** (2017.12 - EP); **A61Q 19/00** (2013.01 - EP US); **A61Q 19/005** (2013.01 - EP US)

## Citation (search report)

- [XY] US 2011305737 A1 20111215 - ALEXIADES-ARMENAKAS MACRENE [US]
- [IY] KR 101121949 B1 20120321 - LAMY COSMETICS CO LTD [KR]
- [Y] EP 1674069 A1 20060628 - OREAL [FR]
- [Y] EP 2027849 A1 20090225 - SHISEIDO CO LTD [JP], et al
- [Y] WO 2007048522 A1 20070503 - SOLARTIUM ENTPR LTD [IE], et al
- [Y] ANONYMOUS: "Meso Peel 3 Treatments Peeling Kit", GNPD; MINTEL, November 2008 (2008-11-01), XP002682145
- [Y] ANONYMOUS: "Face Peeling Kit Product Description", MINTEL GNPD, ID 516620, 1 March 2006 (2006-03-01), XP055303620, Retrieved from the Internet <URL:http://www.gnpd.com/sinatra/search\_results/?&search\_id=Gx5BCDF7aB&page=0&search\_type=products> [retrieved on 20160919]
- See references of WO 2014093645A2

## Designated contracting state (EPC)

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## DOCDB simple family (publication)

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## DOCDB simple family (application)

**US 201314104074 A 20131212**; CN 201380072904 A 20131212; EP 13863292 A 20131212; EP 17206904 A 20131212; JP 2015547549 A 20131212; JP 2017208016 A 20171027; US 2013074711 W 20131212; US 201615372652 A 20161208